

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
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JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

06/27/12

Greg Friedholm  
Assistant District Attorney, Essex County

Mr. Friedholm,

Enclosed is the information you requested. Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Control Card with analytical results for sample # [REDACTED]
3. Analysis sheet with chemist's hand notations and test results.
4. GC/MS analytical data for sample # [REDACTED]

If you have any questions about these materials, please call me at the number below.

Sincerely,  
  
Kate Corbett  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6632

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
State Laboratory Institute*

Boston Drug Laboratory  
Tel (617) 983-6622  
Fax (617) 983-6625

### Boston Hours

8:00 – 11:00  
2:00 – 4:00

**Amherst Drug Laboratory**  
Tel (413) 545-2601  
Fax (413) 545-2608

**Amherst Hours**  
9:00 – 12:00  
1:00 – 3:00

## DRUG RECEIPT

City or Department: Haverhill Police Department Police Reference No.:

Name and Rank of Submitting Officer: Detective

**Defendant(s) Name (last, first, initial):**

To be completed by Submitter

**Description of Items Submitted**

*To be completed by Lab Personnel*

### Gross Weight

Lab Number

3 plastic bags containing a powder substance

4,489

Received by: ED Date: 8-19-71

No. [REDACTED]

Date Analyzed:

9-20-11

City: Haverhill Police Dept.

Officer: Sergeant DANA BURRILL

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 3 Cont: pb

Date Rec'd: 08/19/2011

No. Analyzed: 1

Gross Wt.: 4.48

Net Weight: 0.89g

# Tests: 5/6AC

\*2DTR

Prelim: Heroin

Findings:

Heroin

# DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

Haverhill

ANALYST

KAC

No. of samples tested: 1

Evidence Wt. OK

PHYSICAL DESCRIPTION:

3 similar pbs containing  
tan powder

Gross Wt (3): 2.9361g

Gross Wt (1): 1.1497g

Pkg. Wt: 0.2502g

Net Wt: 0.8995g

double bagged

PRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate ( ) + blue

Marquis ( ) + purple

Froehde's ( ) + purple

Mecke's ( ) + green

Microcrystalline Tests

Gold Chloride ( )

TLTA ( )

OTHER TESTSPRELIMINARY TEST RESULTS

RESULTS

Heroin

DATE

9/12/11

GC/MS CONFIRMATORY TEST

RESULTS

Heroin

MS OPERATOR

DJR

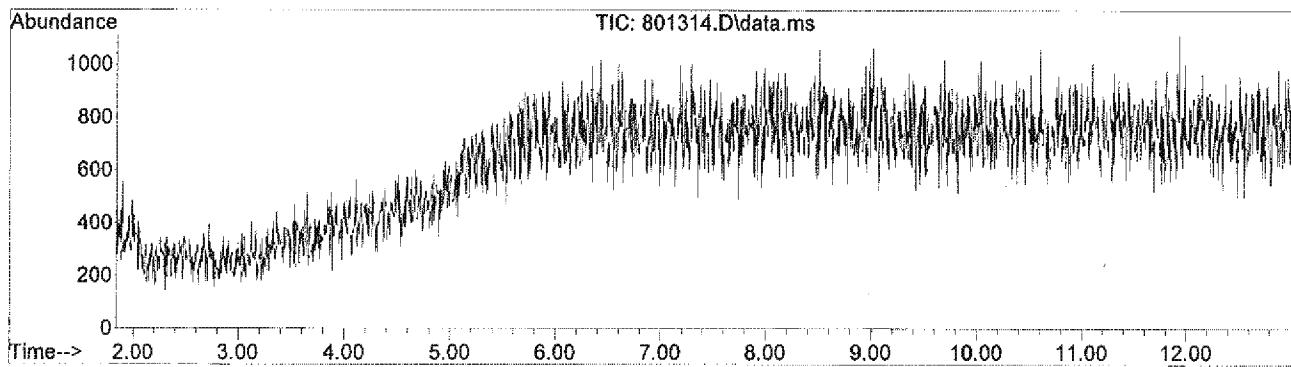
DATE

9/20/11

## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801314.D  
Operator : DJR  
Date Acquired : 16 Sep 2011 20:26  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

✓DJR  
6-27-12



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

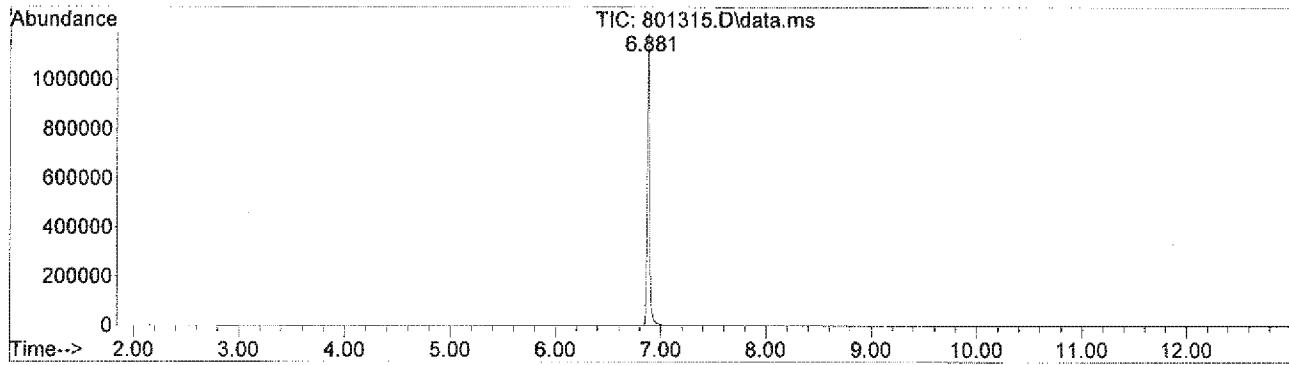
# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q3-2011\System9\09\_16\_11\801315.D  
Operator : DJR  
Date Acquired : 16 Sep 2011 20:41  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 15  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.881	1865190	100.00	100.00

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# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q3-2011\System9\09\_16\_11\801315.D  
Operator : DJR  
Date Acquired : 16 Sep 2011 20:41  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 15  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

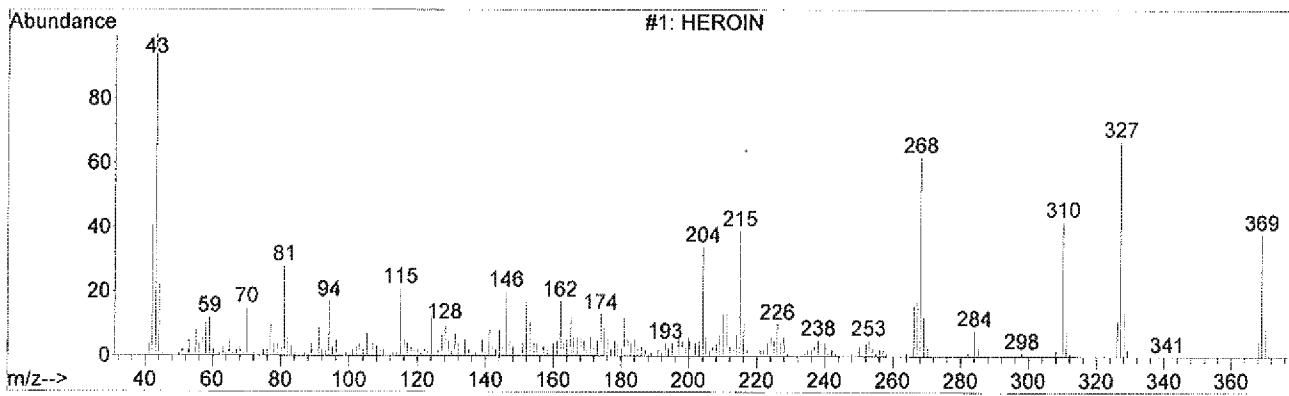
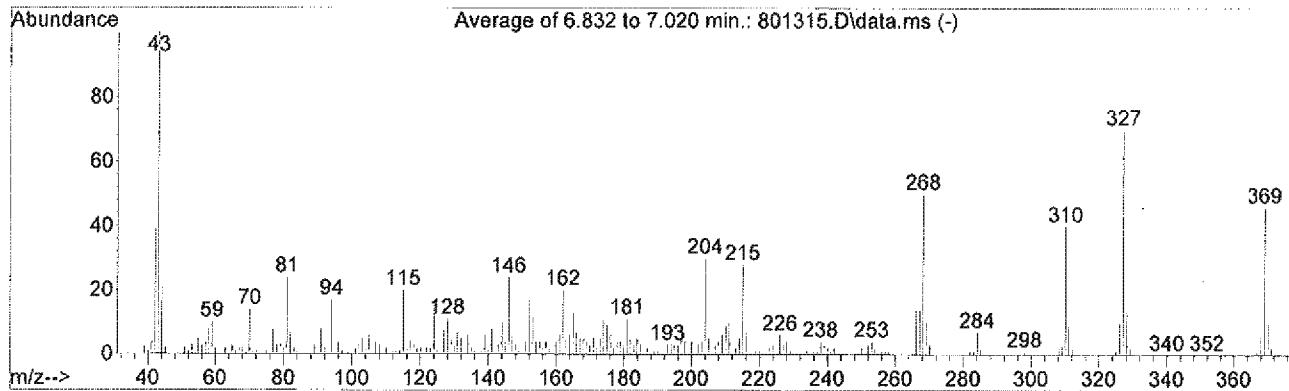
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Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

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PK#	RT	Library/ID	CAS#	Qual
1	6.88	C:\Database\SLI.L HEROIN	000561-27-3	99

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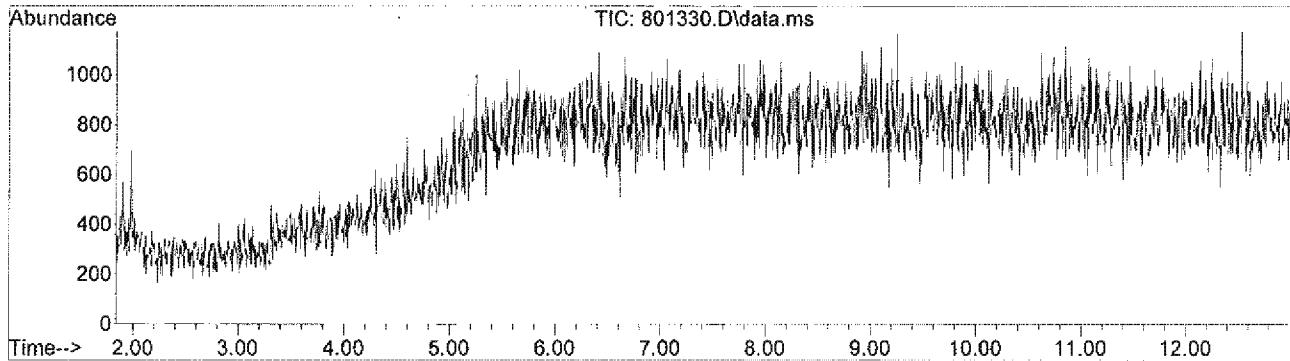


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File Name : F:\Q3-2011\System9\09\_16\_11\801330.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:34  
Sample Name : BLANK  
Submitted by : KAC  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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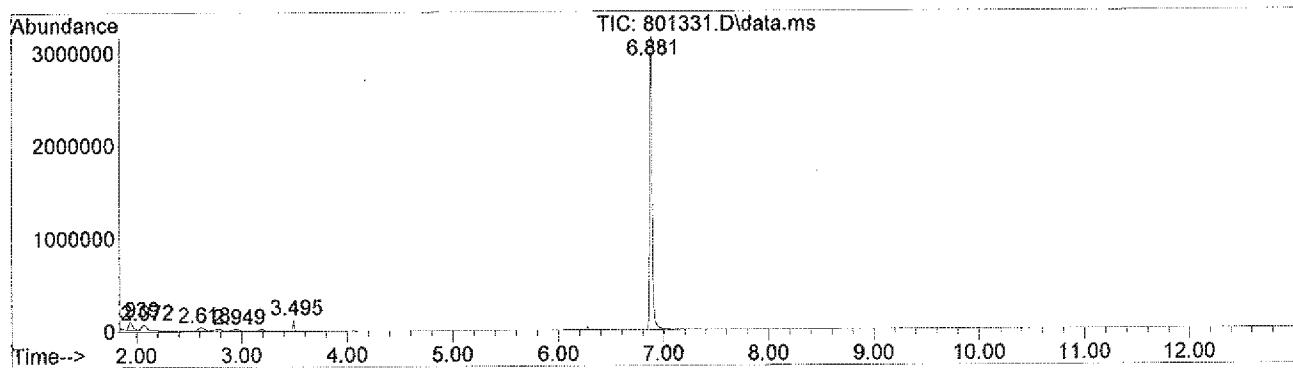
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



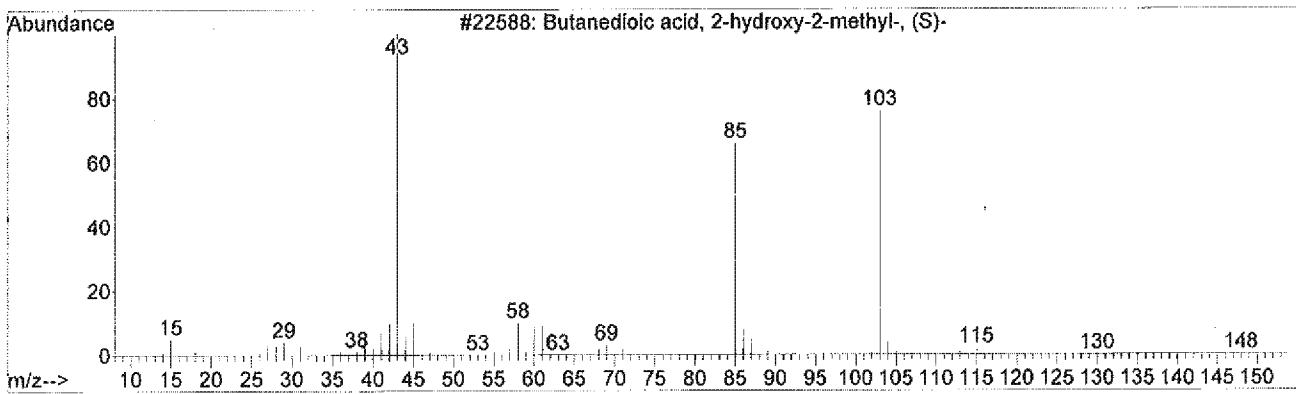
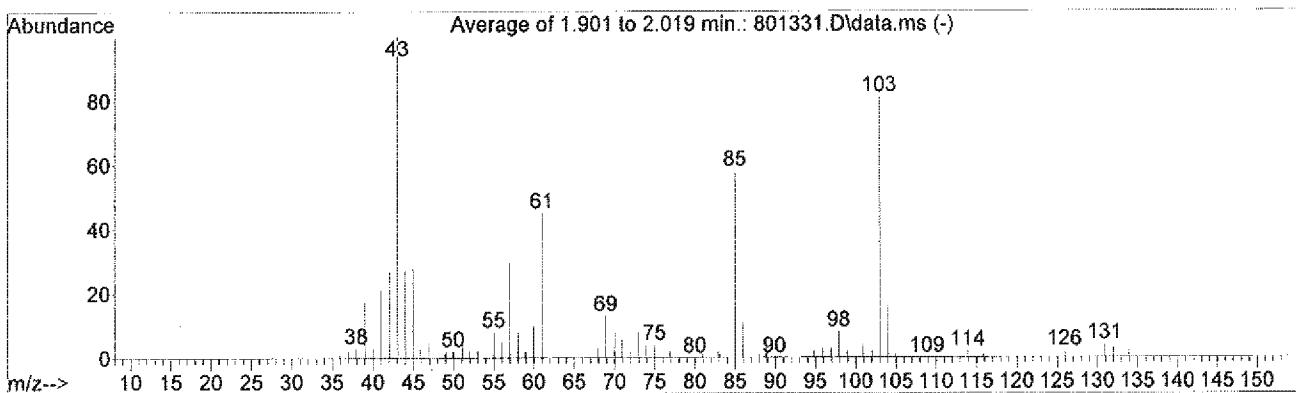
Ret. Time	Area	Area %	Ratio %
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2.072	408697	6.78	8.22
2.618	184811	3.07	3.72
2.949	121294	2.01	2.44
3.495	121541	2.02	2.44
6.881	4974608	82.51	100.00

## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.94	C:\Database\NIST08.L		
		Butanedioic acid, 2-hydroxy-2-methyl	006236-09-5	50
		Butanoic acid, 3-oxo-, 2-methylprop	007779-75-1	37
		1,2,3-Propanetriol, 1-acetate	000106-61-6	28

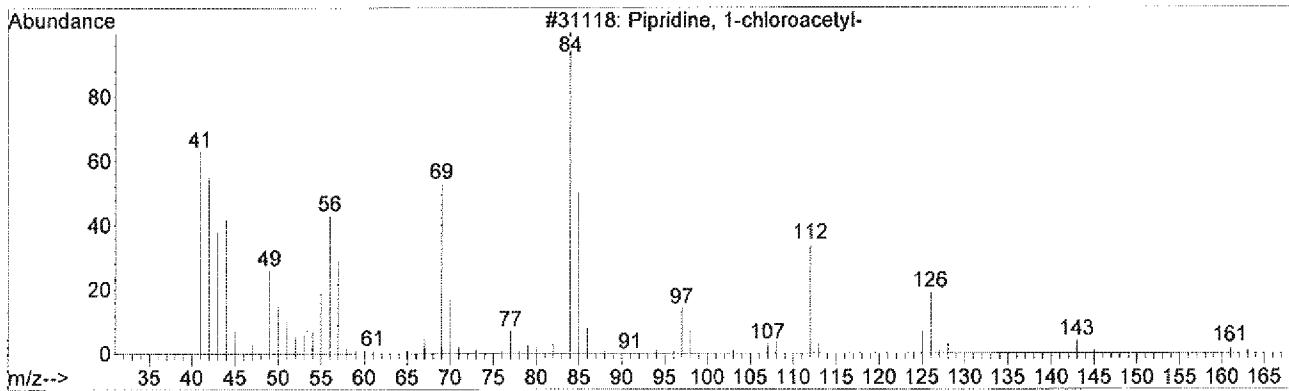
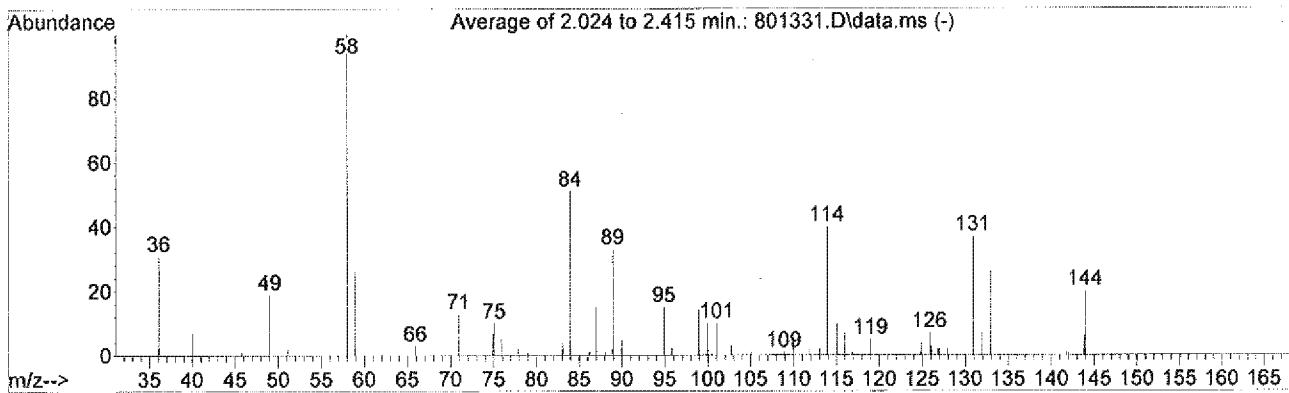


## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.07	C:\Database\NIST08.L		
		Pipridine, 1-chloroacetyl-	001440-60-4	22
		2-Hydroxymethyl-6-methoxytetrahydro	1000191-40-3	14
		2-Nonanone	000821-55-6	9

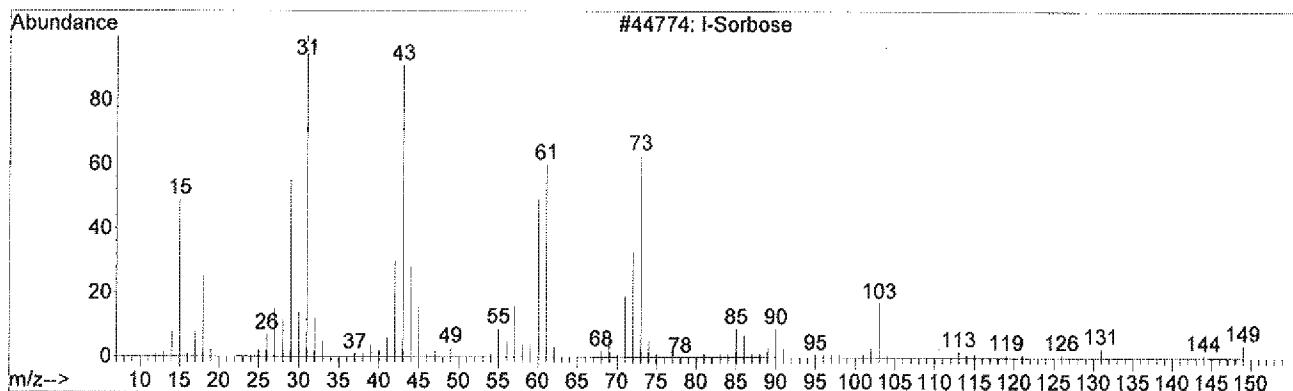
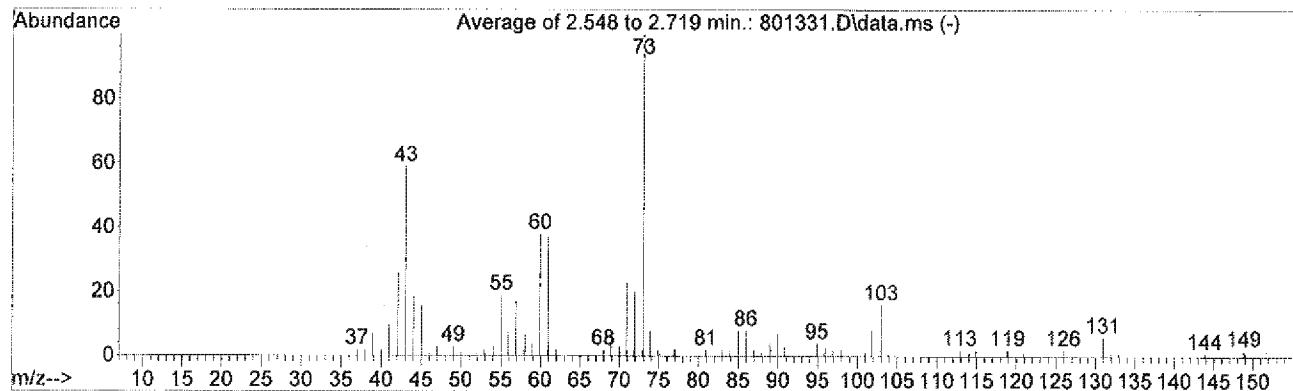


## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.62	C:\Database\NIST08.L		
		l-Sorbose	000087-79-6	72
		d-Glycero-d-tallo-heptose	1000130-14-7	64
		d-Mannose	003458-28-4	53

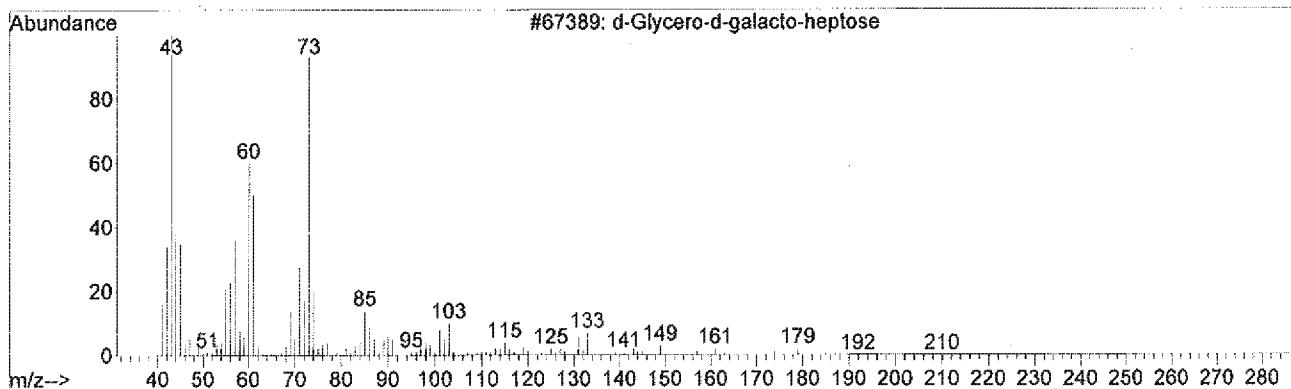
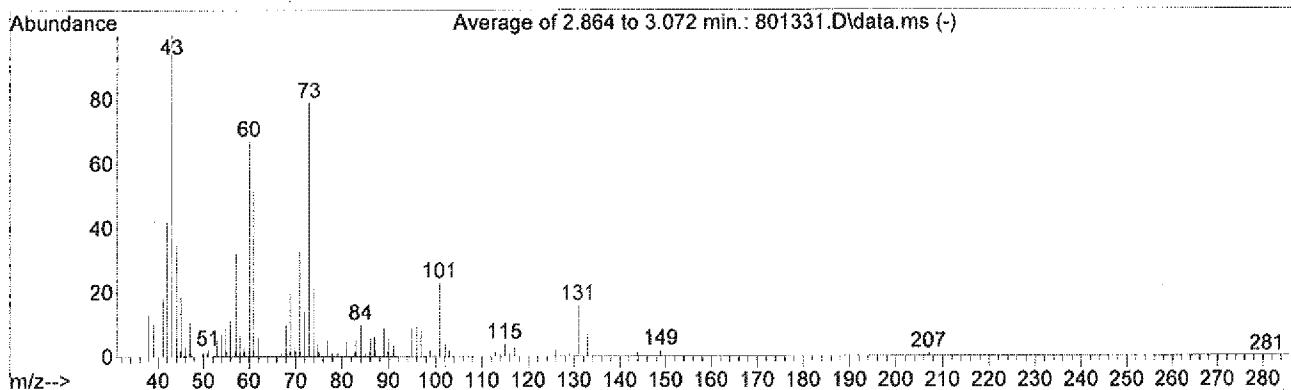


## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	2.95	C:\Database\NIST08.L		
		d-Glycero-d-galacto-heptose	077770-51-5	59
		.alpha.-D-Galactopyranose, 2-(acetyl	014215-68-0	47
		d-Lyxose	001114-34-7	47

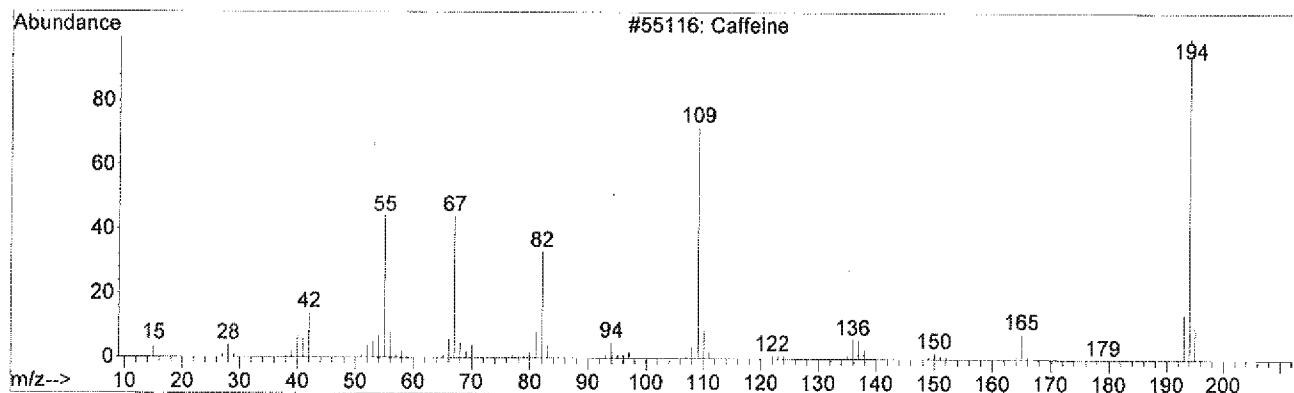
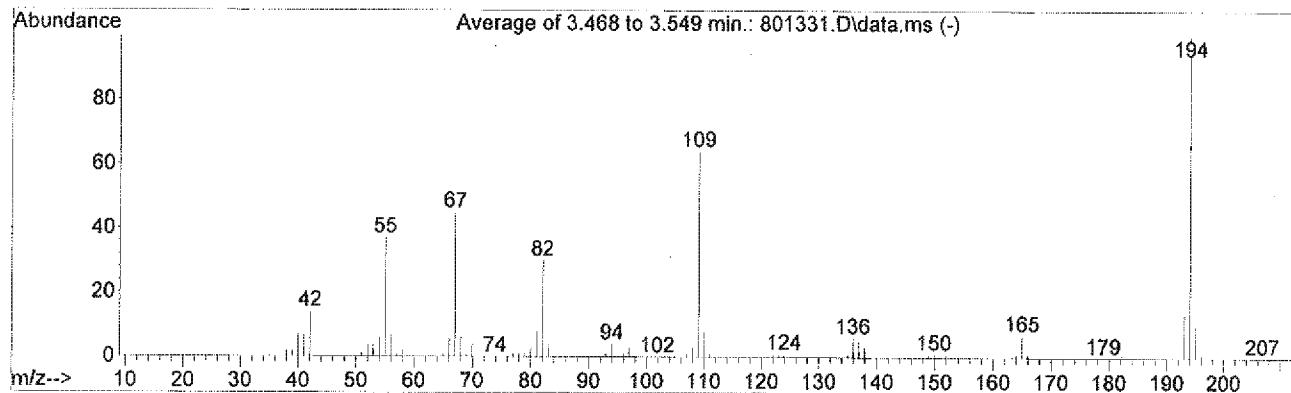


## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.50	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

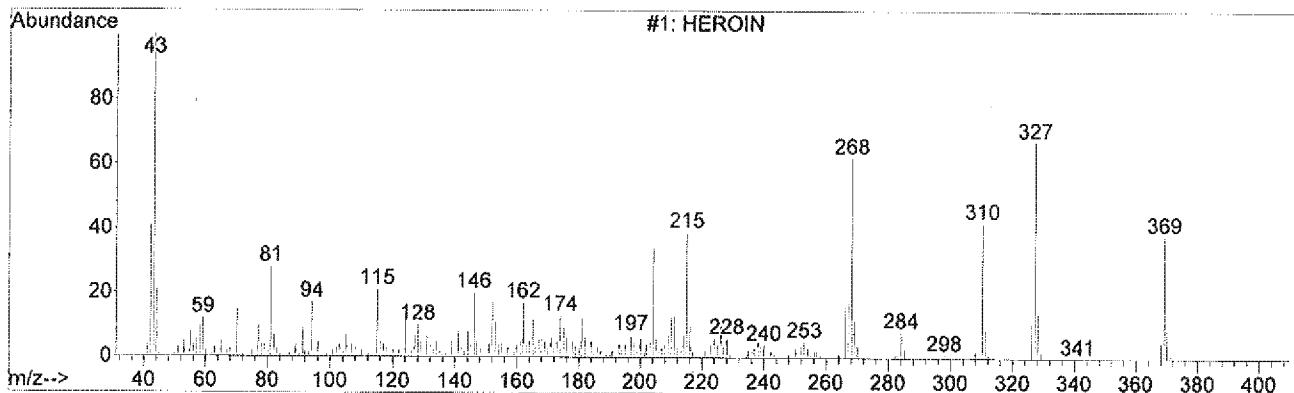
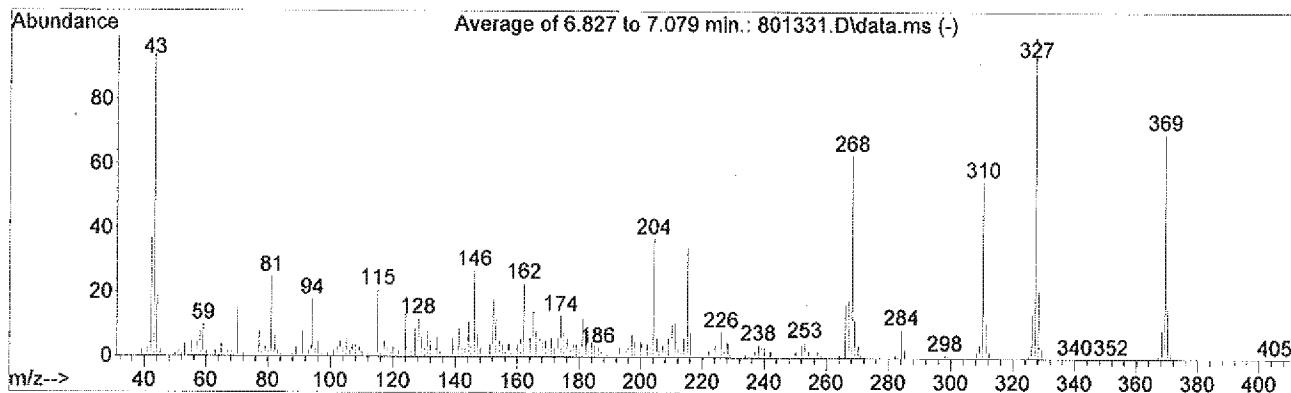


## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801331.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 00:50  
Sample Name : XXXXXXXXXX  
Submitted by : KAC  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

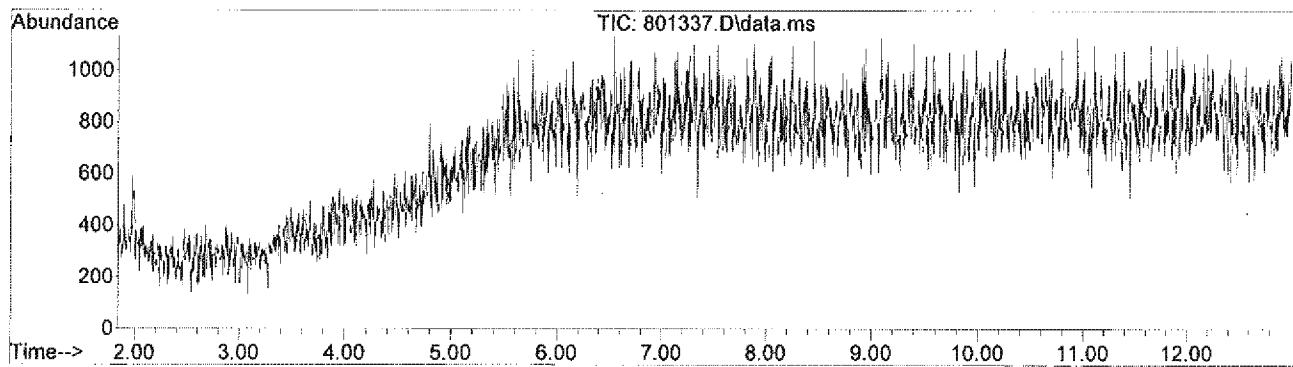
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	6.88	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801337.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 2:23  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

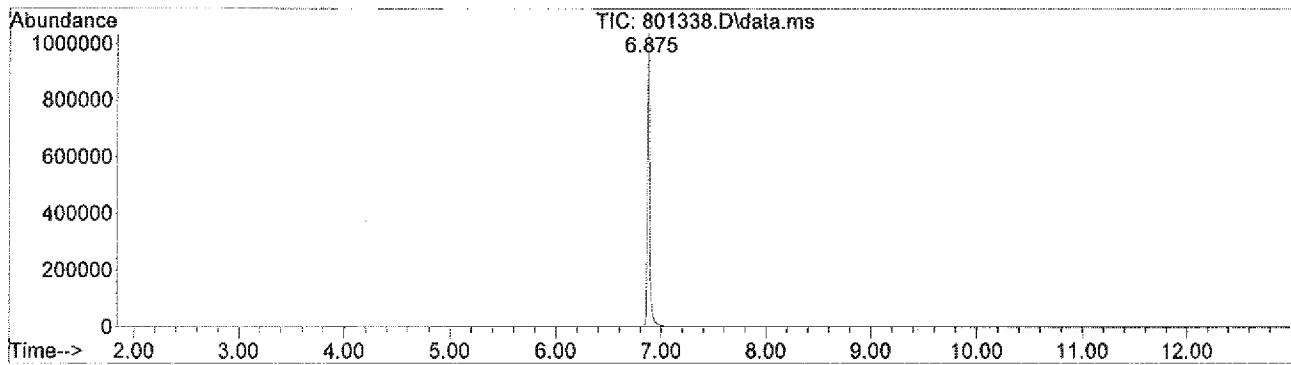


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801338.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 2:39  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 15  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.875	1551014	100.00	100.00

## Information from Data File:

File Name : F:\Q3-2011\System9\09\_16\_11\801338.D  
Operator : DJR  
Date Acquired : 17 Sep 2011 2:39  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 15  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.88	C:\Database\SLI.L HEROIN	000561-27-3	99

